

PTO/SB/64 (11-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)	Docket Number (Optional) PA1688 US
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First named inventor: Tony P. Chiang

Application No.: 09/994,279

Art Unit: 2818

Filed: 11/26/2001

Examiner: David Nhu

Title: Method for Integrated In-Situ Cleaning and Subsequent Atomic Layer Deposition Within a Single Processing Chamber

Attention: Office of Petitions
 Mail Stop Petition
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450
 FAX: (703) 308-6916

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus an extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee — required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee

Small entity-fee \$ _____ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.

Other than small entity - fee \$ 1,330.00 (37 CFR 1.17(m))

2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in the form of Response to Final Office Action _____ (identify type of reply):

has been filed previously on _____

is enclosed herewith.

B. The issue fee and publication fee (if required) of \$ _____

has been paid previously on _____

is enclosed herewith.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/64 (08-03)

Approved for use 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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3. Terminal disclaimer with disclaimer fee

Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.

A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ _____ for a small entity or \$ _____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE. The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D))].

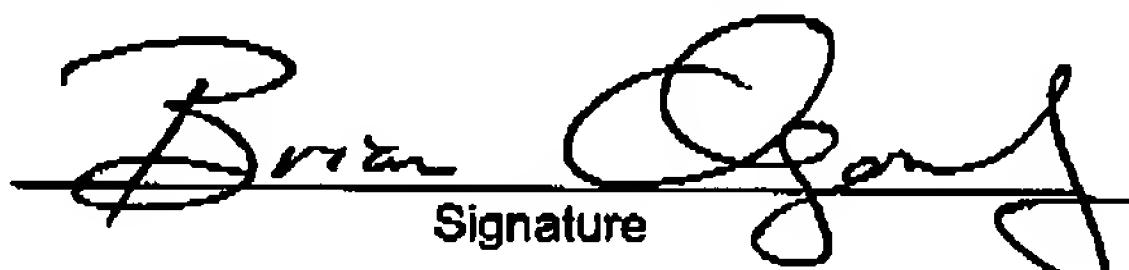
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

July 30, 2004

Date

Telephone

Number: 408-382-0480 x202



Signature

Brian Ogonowsky Reg. 31,988

Typed or printed name

2635 N. First St., suite 223

Address

San Jose, CA 95134

Address

Enclosures: Fee Payment Reply Terminal Disclaimer Form Additional sheets containing statements establishing unintentional delay Other: _____

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

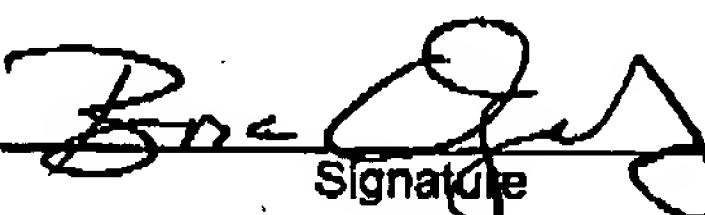
I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 308-6916.

7/30/04

Date



Signature

Brian Ogonowsky

Type or printed name of person signing certificate

[Page 2 of 2]

JUL 30 2004

patent law group LLP

OFFICIAL

2635 North First St. Suite 223
San Jose, CA 95134
Tel: 408.382.0480
Fax: 408.382.0481

FACSIMILE COVER SHEET

Date:	July 30, 2004	Fax:	703-872-9306
To:	U.S. Patent and Trademark Office	Phone:	

**Mail Stop Petition
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450**

From:	Rachel V. Leiterman
Serial No.:	09/994,279
Docket:	PA1688 US
Re:	Petition For Revival of an Application for Patent Abandoned Unintentionally
Pages:	13 (including cover sheet)

Message:

Re: Applicant(s): Chiang, Tony P.; Leeser, Karl F.
 Assignee: Novellus Systems, Inc. (reassigned)
 Title: Method for Integrated In-Situ Cleaning and Subsequent
 Atomic Layer Deposition Within a Single Processing
 Chamber
 Serial No.: 09/994,279
 Examiner: David Nhu
 Docket No.: PA1688 US Filed: November 26, 2001
 Group Art Unit: 2818

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Transmittal Letter (1 page in duplicate);
- (2) Petition For Revival of an Application for Patent Abandoned Unintentionally Under 37 CFR 1.137(b) (2 pages);
- (3) Response to Final Office Action (8 pages).

The information contained in this message is intended only for the personal and confidential use of the designated recipient(s) named above. This message may be an attorney-client communication and may be protected by the work product doctrine. As such, this document is privileged and confidential. If the reader of this message is not the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and destroy any copies of this document in your possession. Thank you.

patent law group LLP

Brian D. Ogonowsky
 Carmen C. Cook
 David C. Hsia
 Rachel V. Leiterman

July 30, 2004

Via Facsimile

Attn: Office of Petitions
 Mail Stop Petition
 Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

Re: Applicant(s): Chiang, Tony P.; Leeser, Karl F.
 Assignee: Novellus Systems, Inc. (reassigned)
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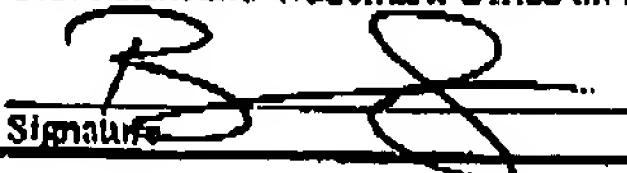
(1) This Transmittal Letter (1 page in duplicate);
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No additional fee is required.
 The fee has been calculated as shown below:

	Claims Remaining <u>After Amendment</u>		Highest No. <u>Previously Paid For</u>	Present <u>Extra</u>	Rate	Additional <u>Fee</u>
Total Claims	19	Minus	22	= 0	x \$18	\$ 0.00
Independent Claims	3	Minus	3	= 0	x \$86	\$ 0.00
<input type="checkbox"/> Fee of _____ for the first filing of one or more multiple dependent claims per application					\$	
<input checked="" type="checkbox"/> Fee for Petition for Revival of an Application for Patent Abandoned Unintentionally Under 37 CFR 1.137(b)					\$	1,330.00
<input checked="" type="checkbox"/> Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.						
<input checked="" type="checkbox"/> Please charge our Deposit Account No. 502226 in the amount of						1,330.00
<input checked="" type="checkbox"/> Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 502226.						
				Total:	\$	1,330.00

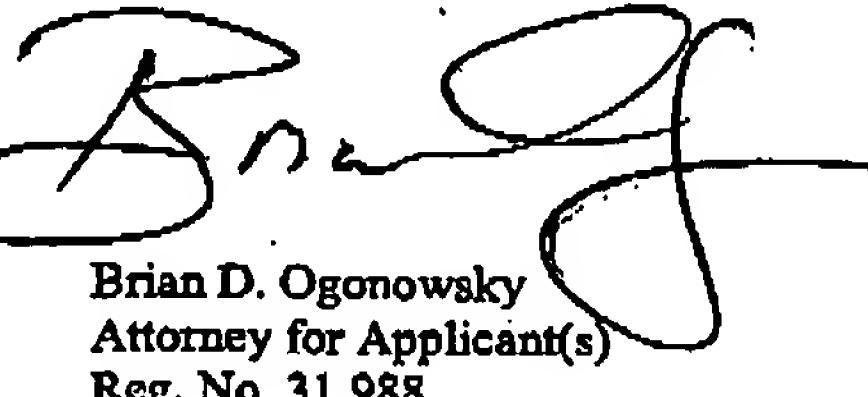
Certification of Facsimile Transmission

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.


Signature

2/30/04
Date

Respectfully submitted,


 Brian D. Ogonowsky
 Attorney for Applicant(s)
 Reg. No. 31,988

2635 North First Street, Suite 223, San Jose, CA 95134 ph: (408) 382-0480 fax: (408) 382-0481 www.patentlawgroup.com

patent law group LLP

Brian D. Ogonowsky
 Carmen C. Cook
 David C. Hsia
 Rachel V. Leiterman

July 30, 2004

Via Facsimile
 Attn: Office of Petitions
 Mail Stop Petition
 Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

Re: Applicant(s): **Chiang, Tony P.; Leeser, Karl F.**
 Assignee: **Novellus Systems, Inc. (reassigned)**
 Title: **Method for Integrated In-Situ Cleaning and Subsequent Atomic Layer Deposition Within a Single Processing Chamber**
 Serial No.: **09/994,279**
 Examiner: **David Nhu**
 Filed: **November 26, 2001**
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	<u>Previously</u>	<u>Paid For</u>				
Total Claims	19	Minus	22	=	0 x \$18	\$ 0.00
Independent Claims	3	Minus	3	=	0 x \$86	\$ 0.00
<input type="checkbox"/> Fee of _____ for the first filing of one or more multiple dependent claims per application					\$	
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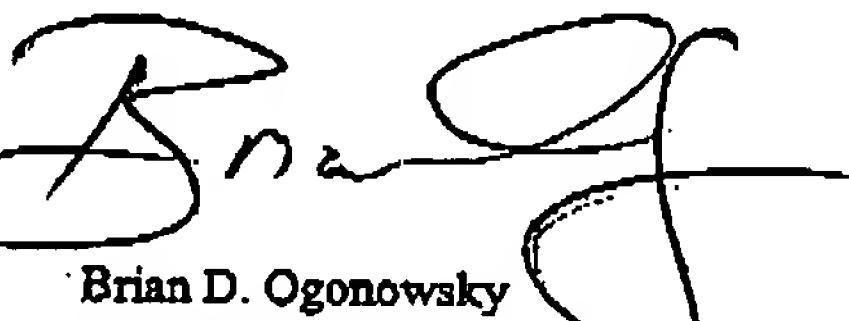
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B. D. O. **2/30/04**

Signature _____ Date _____

Respectfully submitted,



Brian D. Ogonowsky
 Attorney for Applicant(s)
 Reg. No. 31,988

2635 North First Street, Suite 223, San Jose, CA 95134 ph: (408) 382-0480 fax: (408) 382-0481 www.patentlawgroup.com